

Career & Technical Education				
School	Department	Course Title	Prerequisite(s)	Course Description
Western	CTE	Inventions and Innovations	None	Students will have an opportunity to design, prototype, build, and sell products they have made in class. Topics in the class will include: history of invention, the design process, how to assess potential of marketing a product, and how to form a production company. Market research, developing a product, advertising, and how to sell a product will be included for the student's companies. Each company will take on various tasks and clients (in-school and out-school) throughout the year. Equipment that will be needed for this will include, but not limited to: computers with design software, 3D printer, laser etcher and a plotter.
Monticello	CTE	PVCC Entrepreneurship BUS 116	None	This course provides students with an introduction to the entrepreneurial process. It exposes you to the concepts, practices, and tools of the entrepreneurial world. This will be accomplished through a combination of readings, cases, speakers, and field projects designed to convey the unique environment of entrepreneurship and new ventures. The most effective way to understand entrepreneurship is to practice it. This course takes an experiential approach and students are expected to interact with the business community, participate in class discussion, and be active participants in the teaching/learning process. The class will be highly interactive and your engaged participation and presence will be required.
Science				
School	Department	Course Title	Prerequisite(s)	Course Description
Monticello	Science	Honors Animal Studies	Biology I	This course is an introduction to Zoology and is designed for 11th and 12th grade students interested surveying the animal kingdom. Students will engage in various lessons, labs, and experiences to deepen their understanding of the various phyla. Students will be expected to work independently as they learn the classification of organisms and the reasons they are grouped in their animal phylum. Using a comparative approach, the study of each phyla will emphasize diversity, anatomy, evolutionary relationships, functional adaptations, and environmental relationships. Extensive lab work, including several dissections will be included.
Western	ESA	Biosystems: Biology/Ecology	ESA Geosystems	This course combines the curriculum of Biology and Ecology and is analyzed through an Environmentally based lens. Students will earn 2 science credits and take the end of year SOL in Biology. ESA Biology offers a foundation in the study of the living processes that shape our world. Cell structure, function, genetics, adaptations, and importance are emphasized. This course combines the physical abiotic factors of our Ecosphere with the living biotic organisms to study the interconnectivity of the Biosphere. Ecological concepts such as energy flow, bio-geochemical cycles, and ecosystem dynamics all are studied. The primary objectives are to enhance the student's understanding of the complexity and diversity of the dynamic living Earth. Laboratory experiments are used to teach conceptual themes. 2 Credits
Western	ESA	Biosystems: Botany/Horticulture I	ESA Geosystems	This course combines an introduction to plant systems, ecological systems, basic horticulture, and greenhouse management. Our concentration is on the plant growth, identification, classification, genetics, and reproduction of various plant families.

ESOL				
School	Department	Course Title	Prerequisite(s)	Course Description
Albemarle	ESOL	ESOL Math: The Language of Mathematics	Teacher Recommendation	The ESOL Math course prepares students to be successful in Algebra I by teaching the academic vocabulary of mathematics and applying this vocabulary to mathematical problem solving. Students review math concepts that serve as the foundation for algebraic thinking and apply these to real-world examples and word problems that require writing, speaking, listening, and reading in English. The course is designed for students who are learning basic English and need a review of pre-Algebraic math concepts; students who have already mastered these may be placed in a sheltered Algebra I course.
Albemarle	ESOL	ESOL Social Studies: World Cultures, Immigration, and Civic Engagement	Teacher Recommendation	This course is designed to provide a foundation of academic vocabulary for students to be successful in World History, U.S. History, and U.S. Government courses. Students learn new vocabulary through hands-on, visual, experiential lessons and apply this vocabulary in individual and collaborative projects on topics of world history, immigration, and civic engagement. Students give formal presentations and write for real-world audiences in their exploration of history and politics. They connect their understanding of civics and history in their native languages to learning the academic vocabulary of social studies in English. Students master the academic terminology that serves as a foundation for research in the social sciences.
Albemarle	ESOL	ESOL Science: The Language of Life Sciences	Teacher Recommendation	This course provides students with a strong foundation in academic vocabulary and key concepts across the life sciences. Students strengthen skills in the domains of reading, writing, speaking and listening to bolster knowledge of scientific concepts, increase English language proficiency, and demonstrate critical thinking skills. Students connect previous scientific learning in their native languages to the concepts and academic vocabulary of science in English. Content is delivered through hands-on, visual, experiential, and interactive lessons typically culminating in performance-based assessments.
Fine Arts				
School	Department	Course Title	Prerequisite(s)	Course Description
Albemarle	Fine Arts	Sculpture II & III	Sculpture I	This advanced course allows students to build upon the concepts learned in Sculpture 1 while focusing on the Principles of Design to further enhance their three-dimensional work. Students will continue gain construction experience with a wide variety of materials and tools while learning about professional artists. Problem solving and exploration will be a key aspect of this class. Students will keep an online portfolio.
Albemarle	Fine Arts	Piano II	Piano I	This course is designed for students who have mastered basic musical and technical skills in piano and wish to continue developing as pianists and musicians. Students will refine skills and techniques required to play the piano and be introduced to new concepts and more challenging pieces that build on the foundation provided in Piano/Keyboard 1. Students work together on units of material, with individual practice time and flexibility for student repertoire choice built in. Concepts of self-discipline, study strategies, and the ability to handle multi-faceted tasks will be incorporated into the lessons. Students will also learn concepts in music theory and music history, and will have the opportunity to explore different genres of piano music and perform for their peers.
Albemarle	Fine Arts	Piano III	Piano II	This course is designed for students who have attained intermediate fluency in piano and wish to continue developing as pianists and musicians. Students will refine skills and techniques required to play the piano and be introduced to new concepts and more challenging pieces that build on the foundation provided in Piano/Keyboard 1 and Piano/Keyboard 2. Students work together on units of material, with individual practice time and flexibility for student repertoire choice built in, including supplementary pieces gleaned from the larger body of piano repertoire. Concepts of self-discipline, study strategies, and the ability to handle multi-faceted tasks will be incorporated into the lessons. Students will also learn more advanced concepts in music theory and music history, and will have the opportunity to explore different genres of piano music and perform for their peers.

Foreign Language/Art				
School	Department	Course Title	Prerequisite(s)	Course Description
Murray	ForLang/Art	Art Infused Spanish II	Spanish I	This course combines the Spanish II and Art curricula and follows the academic standards and assessments for both courses. Assignments will include items dealing with art work, art critique, politics and immigration. Students will produce a reflective portfolio of 6-8 pieces of artwork along with critiques in both English and Spanish.
SPED				
School	Department	Course Title	Prerequisite(s)	Course Description
Albemarle	SPED	CBIP English	None	This course emphasizes language arts skills in reading, writing and listening related to practical life and vocational experiences (No credit)
Albemarle	SPED	CBIP Math	None	This course focuses on the basic operations of math in a consumer and life-skills setting. Review and remediation are provided in basic skills and money management is stressed (No credit)
Albemarle	SPED	CBIP Science and Social Studies	None	This course explores basic topics in science and social studies which are part of the VAAP standards.
Course Removals				
School	Course Title		Reason	
Albemarle	PVCC: Principles of Business Management, Bus 200		Consistent Low Enrollment	
Albemarle	PVCC: Applied Management Principles, Bus 202		Consistent Low Enrollment	
Albemarle	Woman in Art and Lit Page 36		Consistent Low Enrollment	
Albemarle	Fashion Marketing I and II		Consistent Low Enrollment	
Albemarle	Game Studies		Consistent Low Enrollment	
CATEC	Masonry		Cut Program	
CATEC	Barbering		Cut Program	
CATEC	Green Industry Tech		Cut Program	
ESOL Office	English for Speakers of Other Languages (ESOL) for Newcomers at CATEC		The Newcomer Program has been moved to Albemarle and Monticello High Schools	
ESOL Office	English for Speakers of Other Languages (ESOL) Level IV		Low Enrollment	
Monticello	Chinese I, II & III		Chinese is not offered	
Monticello	Community Based Work Adjustment		Consistent Low Enrollment	
Monticello	Office Specialist I, II & III		Consistent Low Enrollment	
Monticello	Multimedia Crafts I, II, III & IV		Consistent Low Enrollment	
Monticello	Filming and Digital Video Editing		Consistent Low Enrollment	
Monticello	International Foods		Consistent Low Enrollment	
Western	ESA: Introduction to Environmental Studies		No longer part of the academy 4 year plan	